

## Anti-Integrin alpha 4/ITGA4 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: PB9648-Fluoro594

### About ITGA4

ITGA4/Integrin alpha4 is an integrin alpha subunit. It makes up half of the alpha4beta1 lymphocyte homing receptor. The product of this gene belongs to the integrin alpha chain family of proteins. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This gene encodes an alpha 4 chain. Unlike other integrin alpha chains, alpha 4 neither contains an I-domain, nor undergoes disulfide-linked cleavage. Alpha 4 chain associates with either beta 1 chain or beta 7 chain. ITGA4 is also mapped to 2q31-q32 by fluorescence in situ hybridization.

### Overview

Product Name	Anti-Integrin alpha 4/ITGA4 Antibody Picoband® Fluoro594 Conjugated
Reactive Species	Human, Rat
Application	Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, IHC, IHC-F, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P13612

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Integrin alpha 4, different from the related mouse sequence by one amino acid.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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